

WHAT IS CLAIMED IS:

1. Method of checking air noise of a motor vehicle, particularly of a passenger car, which is generated by air flowing onto an outer skin of a vehicle body of the passenger car, comprising:

applying targeted air currents to a stationary passenger car in predetermined areas of the outer skin where sealing devices extend between stationary vehicle body structures and movable vehicle body elements of the vehicle body, and

measuring the air noise occurring as a result of the air currents.

2. Method according to Claim 1, wherein said measuring includes subjectively measuring.

3. Method according to Claim 1, wherein said measuring includes objectively measuring.

4. Method according to Claim 1, wherein the air currents are applied to the outer skin by means of an external blower.

5. Method according to Claim 4, wherein defined measuring points of a door of the vehicle body are acted upon by the blower.

6. Method according to Claim 3, wherein the sound pressure level is used for the objective measuring of the air noise.
7. Method according to Claim 6, wherein the sound pressure level is determined by means of an acoustic near-field measuring device.
8. Device for implementing the method according to Claim 1, comprising:
a blower with an outflow cross-section as a component of a flow device which is equipped with a blast nozzle for acting upon respective measuring points at the respective predetermined areas.
9. Device according to Claim 8, wherein a sound absorber is connected behind the blower.
10. Device according to Claim 9, wherein a conveying hose is provided between the blast nozzle and the sound absorber.
11. Device according to Claim 10, wherein the blower, the sound absorber, the conveying hose and the blast nozzle are at least partially combined to a constructional unit.
12. Device according to Claim 8, wherein an outlet cross-section of the blast nozzle has a circular shape.

13. Device according to Claim 12, wherein the outlet cross-section is equipped with a grid-shaped insert.
14. Device according to Claim 12, wherein the outlet cross-section of the blast nozzle has a rectangular shape, for example, with approximately parallel walls, or an oval shape.
15. Device according to Claim 8, wherein the blast nozzle has a movable construction and is equipped with at least one handle.
16. Device according to Claim 15, wherein the blast nozzle is disposed in a swivellable manner on a support with a pedestal.
17. Device according to Claim 8, wherein an exterior side of the blast nozzle in an area of an outlet cross-section is provided, at least in sections, with a covering made of a flexible material.
18. Device according to Claim 15, wherein the covering projects at least to a slight extent beyond the outlet cross-section.
19. Device according to Claim 8, wherein the air current of the blower can be controlled by means of a control device.

20. Apparatus for checking air noise generated by air flowing over an outer skin of a passenger vehicle body, comprising:

means for applying targeted air currents to predetermined areas of an outer skin of a stationary passenger vehicle body, said predetermined areas being areas where sealing devices extend between adjacent vehicle body parts of the passenger vehicle body, and

means for measuring air noise occurring as a result of the targeted air currents.

21. Apparatus for checking air noise generated by air flowing over an outer skin of a passenger vehicle, comprising:

a manually portable air nozzle operable to apply targeted air currents to predetermined areas of an outer skin of a stationary passenger vehicle body, said predetermined areas being areas where sealing devices extend between adjacent vehicle body parts of the passenger vehicle body, and

noise measuring means operable to measure air noise occurring as a result of the targeted air currents.

22. Method for checking air noise generated by air flowing over an outer skin of a passenger vehicle body, comprising:

applying targeted air currents to predetermined areas of an outer skin of a stationary passenger vehicle body, said predetermined areas being areas where

Attorney Docket No.: 028987.52973US

sealing devices extend between adjacent vehicle body parts of the passenger vehicle body, and

measuring air noise occurring as a result of the targeted air currents.